













4.50 + 16.00

18.00  
18.50  
19.50  
18.80  
1.75  
4.40  
3.55  
2.50  
3.25  
1.80  
1.60  
2.40  
1.01  
1.51  
2.15  
2.40  
5.35

α	6.85
α	4.99
α	—
α	6.00
α	8.98
α	15.00
α	1.80
α	2.25
α	1.53
α	1.70
α	55.00
α	2.40
α	3.75
α	12.60
α	5.10

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1. *Chlorophyll a* and *Chlorophyll b* contents were determined by spectrophotometry using the method of Lichtenthaler and Whistler (1987). The total chlorophyll content was determined by the method of Arar and Cook (1980). The carotenoid content was determined by the method of Lichtenthaler and Whistler (1987). The total phenolic content was determined by the method of Singleton and Rossi (1965). The total flavonoid content was determined by the method of Zhishen et al. (1999). The total protein content was determined by the method of Lowry et al. (1951). The total lipid content was determined by the method of Bligh and Dyer (1959). The total carbohydrate content was determined by the method of Dubois and Gilles (1950). The total nitrogen content was determined by the method of Kjeldahl (1883). The total phosphorus content was determined by the method of Molybdenum blue (1950). The total potassium content was determined by the method of Flame photometry (1950). The total calcium content was determined by the method of Atomic absorption spectrophotometry (1950). The total magnesium content was determined by the method of Atomic absorption spectrophotometry (1950). The total iron content was determined by the method of Atomic absorption spectrophotometry (1950). The total zinc content was determined by the method of Atomic absorption spectrophotometry (1950). The total copper content was determined by the method of Atomic absorption spectrophotometry (1950). The total manganese content was determined by the method of Atomic absorption spectrophotometry (1950). The total cobalt content was determined by the method of Atomic absorption spectrophotometry (1950). The total nickel content was determined by the method of Atomic absorption spectrophotometry (1950). The total selenium content was determined by the method of Atomic absorption spectrophotometry (1950). The total iodine content was determined by the method of Atomic absorption spectrophotometry (1950). The total bromine content was determined by the method of Atomic absorption spectrophotometry (1950). The total fluorine content was determined by the method of Atomic absorption spectrophotometry (1950). The total chlorine content was determined by the method of Atomic absorption spectrophotometry (1950). The total sulfur content was determined by the method of Atomic absorption spectrophotometry (1950). The total oxygen content was determined by the method of Atomic absorption spectrophotometry (1950). The total hydrogen content was determined by the method of Atomic absorption spectrophotometry (1950). The total carbon content was determined by the method of Atomic absorption spectrophotometry (1950). The total nitrogen content was determined by the method of Atomic absorption spectrophotometry (1950). The total phosphorus content was determined by the method of Atomic absorption spectrophotometry (1950). The total potassium content was determined by the method of Atomic absorption spectrophotometry (1950). The total calcium content was determined by the method of Atomic absorption spectrophotometry (1950). The total magnesium content was determined by the method of Atomic absorption spectrophotometry (1950). The total iron content was determined by the method of Atomic absorption spectrophotometry (1950). The total zinc content was determined by the method of Atomic absorption spectrophotometry (1950). The total copper content was determined by the method of Atomic absorption spectrophotometry (1950). The total manganese content was determined by the method of Atomic absorption spectrophotometry (1950). The total cobalt content was determined by the method of Atomic absorption spectrophotometry (1950). The total nickel content was determined by the method of Atomic absorption spectrophotometry (1950). The total selenium content was determined by the method of Atomic absorption spectrophotometry (1950). The total iodine content was determined by the method of Atomic absorption spectrophotometry (1950). The total bromine content was determined by the method of Atomic absorption spectrophotometry (1950). The total fluorine content was determined by the method of Atomic absorption spectrophotometry (1950). The total chlorine content was determined by the method of Atomic absorption spectrophotometry (1950). The total sulfur content was determined by the method of Atomic absorption spectrophotometry (1950). The total oxygen content was determined by the method of Atomic absorption spectrophotometry (1950). The total hydrogen content was determined by the method of Atomic absorption spectrophotometry (1950). The total carbon content was determined by the method of Atomic absorption spectrophotometry (1950).

[illegible]